

Form PTO-1449 (modified)
List of Patents and Publications
For Applicant's Information
Disclosure Statement
(Use several sheets if necessary)

APP. DKT. NO. 5589-02306

APPLICANT: Levy et al.

FILING DATE: September 20, 2001

SERIAL NO. 09/957,450

GROUP: 2812

U.S. PATENT DOCUMENTS

| EXAM. INITIALS | REF. DES. | DOCUMENT NUMBER | DATE | NAME | CLASS | SUB CLASS | FILING DATE IF APPROPRIATE |
|-------------------|--------------|-----------------|---------|------------------------|-------|--------------|-------------------------------|
| <i>dw</i> | A1 | 3,946,484 | 3/1976 | Aronstein et al. | | | |
| <i>dw</i> | A2 | 4,232,063 | 11/1980 | Rosler et al. | | | |
| | A3 | 4,247,203 | 1/1981 | Levy et al. | | | |
| | A4 | 4,347,001 | 8/1982 | Levy et al. | | | |
| | A5 | 4,378,159 | 3/1983 | Galbraith | | | |
| | A6 | 4,448,532 | 5/1984 | Joseph et al. | | | |
| | A7 | 4,532,650 | 7/1985 | Wihl et al. | | | |
| | A8 | 4,555,798 | 11/1985 | Broadbent, Jr. et al. | | | |
| | A9 | 4,556,317 | 12/1985 | Sandland et al. | | | |
| | A10 | 4,559,450 | 12/1985 | Robinson et al. | | | |
| | A11 | 4,571,685 | 2/1986 | Kamoshida | | | |
| | A12 | 4,578,589 | 3/1986 | Aitken | | | |
| | A13 | 4,579,455 | 4/1986 | Levy et al. | | | |
| | A14 | 4,579,463 | 4/1986 | Rosencwaig et al. | | | |
| | A15 | 4,587,432 | 5/1986 | Aitken | | | |
| | A16 | 4,599,558 | 7/1986 | Castellano, Jr. et al. | | | |
| | A17 | 4,601,576 | 7/1986 | Galbraith | | | |
| | A18 | 4,618,938 | 10/1986 | Sandland et al. | | | |
| | A19 | 4,619,529 | 10/1986 | Iuchi et al. | | | |
| | A20 | 4,633,504 | 12/1986 | Wihl | | | |
| | A21 | 4,641,967 | 2/1987 | Pecen | | | |
| | A22 | 4,644,172 | 2/1987 | Sandland et al. | | | |
| | A23 | 4,645,929 | 2/1987 | Criegern et al. | | | |
| | A24 | 4,710,030 | 12/1987 | Tauc et al. | | | |
| | A25 | 4,733,091 | 3/1988 | Robinson et al. | | | |
| <i>y</i> | A26 | 4,743,767 | 5/1988 | Plumb et al. | | | |
| <i>m</i> | A27 | 4,750,822 | 6/1988 | Rosencwaig et al. | | | |

EXAMINER:

Dyke W. Winkler

DATE CONSIDERED:

20 May 2004

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the patent owner.

| Form PTO-1449 (modified) List of Patents and Publications For Applicant's Information Disclosure Statement (Use several sheets if necessary) | | | | ATTORNEY: D. K. NO. 5589-02306 APPLICANT: Levy et al. FILING DATE: September 20, 2001 | | SERIAL NO. 09/957,450 GROUP: 2812 | |
|---|--------------|-----------------|---------|---|-------|--|-------------------------------|
| U.S. PATENT DOCUMENTS | | | | | | | |
| EXAM. INITIALS | REF. DES. | DOCUMENT NUMBER | DATE | NAME | CLASS | SUB CLASS | FILING DATE IF APPROPRIATE |
| | A28 | 4,766,324 | 8/1988 | Saadat et al. | | | |
| | A29 | 4,805,123 | 2/1989 | Specht et al. | | | |
| | A30 | 4,812,756 | 3/1989 | Curtis et al. | | | |
| | A31 | 4,818,110 | 4/1989 | Davidson | | | |
| | A32 | 4,842,683 | 6/1989 | Cheng et al. | | | |
| | A33 | 4,845,558 | 7/1989 | Tsai et al. | | | |
| | A34 | 4,854,710 | 8/1989 | Opsal et al. | | | |
| | A35 | 4,877,326 | 10/1989 | Chadwick et al. | | | |
| | A36 | 4,898,471 | 2/1990 | Stonestrom et al. | | | |
| | A37 | 4,905,170 | 2/1990 | Forouhi et al. | | | |
| | A38 | 4,912,326 | 3/1990 | Naito | | | |
| | A39 | 4,926,489 | 5/1990 | Danielson et al. | | | |
| | A40 | 4,999,014 | 3/1991 | Gold et al. | | | |
| | A41 | 4,999,578 | 3/1991 | Ohashi et al. | | | |
| | A42 | 5,023,424 | 6/1991 | Vaught | | | |
| | A43 | 5,042,951 | 8/1991 | Gold et al. | | | |
| | A44 | 5,043,589 | 8/1991 | Smedt et al. | | | |
| | A45 | 5,047,648 | 9/1991 | Fishkin et al. | | | |
| | A46 | 5,076,692 | 12/1991 | Neukermans et al. | | | |
| | A47 | 5,112,129 | 5/1992 | Davidson et al. | | | |
| | A48 | 5,181,080 | 1/1993 | Fanton et al. | | | |
| | A49 | 5,189,481 | 2/1993 | Jann et al. | | | |
| | A50 | 5,215,619 | 6/1993 | Cheng et al. | | | |
| | A51 | 5,264,912 | 11/1993 | Vaught et al. | | | |
| | A52 | 5,344,491 | 9/1994 | Katou | | | |
| | A53 | 5,355,212 | 10/1994 | Wells et al. | | | |
| | A54 | 5,393,624 | 2/1995 | Ushijima | | | |

EXAMINER: Dylan W. Webb DATE CONSIDERED: 20 MAY 2004

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the patent owner.

Page 2 of 8 Information Disclosure Statement--PTO 1449 (modified)

Form PTO-1449 (modified)
List of Patents and Publications
For Applicant's Information
Disclosure Statement
(Use several sheets if necessary)

ATTY. DKT. NO. 5589-02306
APPLICANT: Levy et al.
FILING DATE: September 20, 2001

SERIAL NO. 09/957,450
GROUP: 2812

U.S. PATENT DOCUMENTS

| EXAM. INITIALS | REF. DES. | DOCUMENT NUMBER | DATE | NAME | CLASS | SUB CLASS | FILING DATE IF APPROPRIATE |
|-------------------|--------------|-----------------|---------|-------------------|-------|--------------|-------------------------------|
| <i>DM</i> | A55 | 5,401,316 | 3/1995 | Shiraishi et al. | | | |
| <i>↑</i> | A56 | 5,412,473 | 5/1995 | Rosencwaig et al. | | | |
| | A57 | 5,438,313 | 8/1995 | Henderson et al. | | | |
| | A58 | 5,485,091 | 1/1996 | Verkuil | | | |
| | A59 | 5,516,608 | 5/1996 | Hobbs et al. | | | |
| | A60 | 5,517,312 | 5/1996 | Finarov | | | |
| | A61 | 5,537,669 | 7/1996 | Evans et al. | | | |
| | A62 | 5,563,702 | 10/1996 | Emery et al. | | | |
| | A63 | 5,565,979 | 10/1996 | Gross | | | |
| | A64 | 5,572,598 | 11/1996 | Wihl et al. | | | |
| | A65 | 5,581,350 | 12/1996 | Chen et al. | | | |
| | A66 | 5,594,247 | 1/1997 | Verkuil et al. | | | |
| | A67 | 5,596,406 | 1/1997 | Rosencwaig et al. | | | |
| | A68 | 5,596,411 | 1/1997 | Fanton et al. | | | |
| | A69 | 5,604,344 | 2/1997 | Finarov | | | |
| | A70 | 5,604,585 | 2/1997 | Johnson et al. | | | |
| | A71 | 5,614,060 | 3/1997 | Hanawa | | | |
| | A72 | 5,619,548 | 4/1997 | Koppel | | | |
| | A73 | 5,633,747 | 5/1997 | Nikoonahad | | | |
| | A74 | 5,641,969 | 6/1997 | Cooke et al. | | | |
| | A75 | 5,644,223 | 7/1997 | Verkuil | | | |
| | A76 | 5,650,731 | 7/1997 | Fung et al. | | | |
| | A77 | 5,652,654 | 7/1997 | Asimopoulos | | | |
| | A78 | 5,682,242 | 10/1997 | Eylon | | | |
| | A79 | 5,684,393 | 11/1997 | Ryat | | | |
| <i>DM</i> | A80 | 5,689,614 | 11/1997 | Gronet et al. | | | |
| | A81 | 5,695,568 | 12/1997 | Sinha et al. | | | |

EXAMINER: *Dyfan N Washburn* DATE CONSIDERED: *20 May 2004*

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the patent owner.

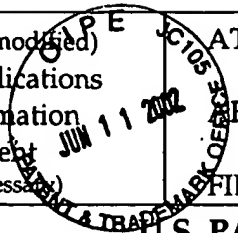
| Form PTO-1449 (modified) List of Patents and Publications For Applicant's Information Disclosure Statement (Use several sheets if necessary) | | | | | ATTORNEY: DKT. NO. 5589-02306 APPLICANT: Levy et al. FILING DATE: September 20, 2001 | | SERIAL NO. 09/957,450 GROUP: 2812 | |
|---|--------------|-----------------|---------|--------------------|--|--------------|--------------------------------------|--|
| U.S. PATENT DOCUMENTS | | | | | | | | |
| EXAM. INITIALS | REF. DES. | DOCUMENT NUMBER | DATE | NAME | CLASS | SUB CLASS | FILING DATE IF APPROPRIATE | |
| m | A82 | 5,699,156 | 12/1997 | Carver | | | | |
| A | A83 | 5,712,707 | 1/1998 | Ausschnitt et al. | | | | |
| | A84 | 5,730,642 | 3/1998 | Sandhu et al. | | | | |
| | A85 | 5,737,072 | 4/1998 | Emery et al. | | | | |
| | A86 | 5,740,226 | 4/1998 | Komiya et al. | | | | |
| | A87 | 5,747,813 | 5/1998 | Norton et al. | | | | |
| | A88 | 5,748,318 | 5/1998 | Maris et al. | | | | |
| | A89 | 5,754,297 | 5/1998 | Nulman | | | | |
| | A90 | 5,757,507 | 5/1998 | Ausschnitt et al. | | | | |
| | A91 | 5,764,365 | 6/1998 | Finarov | | | | |
| | A92 | 5,767,693 | 6/1998 | Verkuil | | | | |
| | A93 | 5,770,099 | 6/1998 | Rice et al. | | | | |
| | A94 | 5,771,094 | 6/1998 | Carter et al. | | | | |
| | A95 | 5,798,829 | 8/1998 | Vaez-Iravani | | | | |
| | A96 | 5,798,837 | 8/1998 | Aspnes et al. | | | | |
| | A97 | 5,805,290 | 9/1998 | Ausschnitt et al. | | | | |
| | A98 | 5,822,055 | 10/1998 | Tsai et al. | | | | |
| | A99 | 5,825,482 | 10/1998 | Nikoonahad et al. | | | | |
| | A100 | 5,831,865 | 11/1998 | Berezin et al. | | | | |
| | A101 | 5,844,684 | 12/1998 | Maris et al. | | | | |
| | A102 | 5,849,136 | 12/1998 | Mintz et al. | | | | |
| | A103 | 5,859,964 | 1/1999 | Wang et al. | | | | |
| | A104 | 5,864,394 | 1/1999 | Jordan, III et al. | | | | |
| | A105 | 5,866,437 | 2/1999 | Chen et al. | | | | |
| | A106 | 5,867,590 | 2/1999 | Eylon | | | | |
| V | A107 | 5,872,633 | 2/1999 | Holzapfel et al. | | | | |
| m | A108 | 5,877,859 | 3/1999 | Aspnes et al. | | | | |

EXAMINER: Dyl & Wush DATE CONSIDERED: 20 May 2004

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the patent owner.

Page 4 of 8 Information Disclosure Statement-PTO 1449 (modified)

| | |
|---|--|
| Form PTO-1449 (modified) List of Patents and Publications For Applicant's Information Disclosure Statement (Use several sheets if necessary) | ATTY. DKT. NO. 5589-02306 APPLICANT: Levy et al. FILING DATE: September 20, 2001 |
|---|--|



U.S. PATENT DOCUMENTS

| EXAM. INITIALS | REF. DES. | DOCUMENT NUMBER | DATE | NAME | CLASS | SUB CLASS | FILING DATE IF APPROPRIATE |
|----------------|-----------|-----------------|-----------------|----------------------|-------|-----------|----------------------------|
| m | A109 | 5,882,165 | 3/1999 | Maydan et al. | | | |
| | A110 | 5,883,374 | 3/1999 | Mathews | | | |
| | A111 | 5,883,710 | 3/1999 | Nikoonahad et al. | | | |
| | A112 | 5,886,355 | 3/1999 | Bright et al. | | | |
| | A113 | 5,887,085 | 3/1999 | Otsuka | | | |
| | A114 | 5,889,593 | 3/1999 | Bareket | | | |
| | A115 | 5,896,294 | 4/1999 | Chow et al. | | | |
| | A116 | 5,900,939 | 5/1999 | Aspnes et al. | | | |
| | A117 | 5,910,011 | 6/1999 | Cruse | | | |
| | A118 | 5,910,842 | 6/1999 | Piwonka-Corle et al. | | | |
| | A119 | 5,914,784 | 6/1999 | Ausschnitt et al. | | | |
| | A120 | 5,917,588 | 6/1999 | Addiego | | | |
| | A121 | 5,917,594 | 6/1999 | Norton | | | |
| | A122 | 5,920,076 | 7/1999 | Burgin et al. | | | |
| | A123 | 5,926,690 | 7/1999 | Toprac et al. | | | |
| A124 | 5,930,138 | 7/1999 | Lin et al. | | | | |
| A125 | 5,935,338 | 8/1999 | Lei et al. | | | | |
| A126 | 5,935,397 | 8/1999 | Masterson | | | | |
| A127 | 5,943,122 | 8/1999 | Holmes | | | | |
| A128 | 5,955,661 | 9/1999 | Samsavar et al. | | | | |
| A129 | 5,959,735 | 9/1999 | Maris et al. | | | | |
| A130 | 5,959,812 | 9/1999 | Rothermel | | | | |
| A131 | 5,963,783 | 10/1999 | Lowell et al. | | | | |
| A132 | 5,964,643 | 10/1999 | Birang et al. | | | | |
| A133 | 5,966,312 | 10/1999 | Chen | | | | |
| m | A134 | 5,968,691 | 10/1999 | Yoshioka et al. | | | |
| | A135 | 5,973,323 | 10/1999 | Adler et al. | | | |

EXAMINER: D. J. Wuehl DATE CONSIDERED: 20 May 2004

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the patent owner.

| Form PTO-1449 (modified) List of Patents and Publications For Applicant's Information Disclosure Statement (Use several sheets if necessary) | | | | ATTY. DKT. NO. 5589-02306 APPLICANT: Levy et al. FILING DATE: September 20, 2001 | | SERIAL NO. 09/957,450 GROUP: 2812 | |
|---|--------------|-----------------|---------|--|-------|--|-------------------------------|
| U.S. PATENT DOCUMENTS | | | | | | | |
| EXAM. INITIALS | REF. DES. | DOCUMENT NUMBER | DATE | NAME | CLASS | SUB CLASS | FILING DATE IF APPROPRIATE |
| m | A136 | 5,973,787 | 10/1999 | Aspnes et al. | | | |
| ↑ | A137 | 5,976,310 | 11/1999 | Levy | | | |
| | A138 | 5,978,074 | 11/1999 | Opsal et al. | | | |
| | A139 | 5,982,482 | 11/1999 | Nelson et al. | | | |
| | A140 | 5,985,497 | 11/1999 | Phan et al. | | | |
| | A141 | 6,008,906 | 12/1999 | Maris | | | |
| | A142 | 6,012,966 | 1/2000 | Ban et al. | | | |
| | A143 | 6,020,214 | 2/2000 | Watanabe et al. | | | |
| | A144 | 6,020,957 | 2/2000 | Rosengaus et al. | | | |
| | A145 | 6,023,338 | 2/2000 | Bareket | | | |
| | A146 | 6,025,918 | 2/2000 | Maris | | | |
| | A147 | 6,038,029 | 3/2000 | Finarov | | | |
| | A148 | 6,039,848 | 3/2000 | Moslehi et al. | | | |
| | A149 | 6,040,198 | 3/2000 | Komiya et al. | | | |
| | A150 | 6,045,433 | 4/2000 | Dvir et al. | | | |
| | A151 | 6,052,478 | 4/2000 | Wihl et al. | | | |
| | A152 | 6,060,715 | 5/2000 | England et al. | | | |
| | A153 | 6,064,517 | 5/2000 | Chuang et al. | | | |
| | A154 | 6,072,147 | 6/2000 | Koshiishi et al. | | | |
| | A155 | 6,072,178 | 6/2000 | Mizuno | | | |
| | A156 | 6,072,320 | 6/2000 | Verkuil | | | |
| | A157 | 6,074,518 | 6/2000 | Imafuku et al. | | | |
| | A158 | 6,078,045 | 6/2000 | Maul et al. | | | |
| | A159 | 6,078,386 | 6/2000 | Tsai et al. | | | |
| | A160 | 6,080,287 | 6/2000 | Drewery et al. | | | |
| ↓ | A161 | 6,081,325 | 6/2000 | Leslie et al. | | | |
| pm | A162 | 6,083,363 | 7/2000 | Ashtiani et al. | | | |

EXAMINER: Dyck N. Washburn DATE CONSIDERED: 20 May 2004

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the patent owner.

Page 6 of 8 Information Disclosure Statement--PTO 1449 (modified)

| Form PTO-1449 (modified) List of Patents and Publications For Applicant's Information Disclosure Statement (Use several sheets if necessary) | | | | ATTY. DKT. NO. 5589-02306 APPLICANT: Levy et al. FILING DATE: September 20, 2001 | | SERIAL NO. 09/957,450 GROUP: 2812 | |
|---|--------------|-----------------|----------------|--|-------|--|-------------------------------|
| U.S. PATENT DOCUMENTS | | | | | | | |
| EXAM. INITIALS | REF. DES. | DOCUMENT NUMBER | DATE | NAME | CLASS | SUB CLASS | FILING DATE IF APPROPRIATE |
| <i>DN</i> <i>↑</i> | A163 | 6,084,679 | 7/2000 | Steffan et al. | | | |
| | A164 | 6,086,737 | 7/2000 | Patonay et al. | | | |
| | A165 | 6,089,181 | 7/2000 | Suemasa et al. | | | |
| | A166 | 6,093,625 | 7/2000 | Wagner et al. | | | |
| | A167 | 6,097,555 | 8/2000 | Lehmann et al. | | | |
| | A168 | 6,099,705 | 8/2000 | Chen et al. | | | |
| | A169 | 6,101,971 | 8/2000 | Denholm et al. | | | |
| | A170 | 6,103,014 | 8/2000 | Lei et al. | | | |
| | A171 | 6,107,629 | 8/2000 | Benninghoven et al. | | | |
| | A172 | 6,108,087 | 8/2000 | Nikoonahad et al. | | | |
| | A173 | 6,110,287 | 8/2000 | Arai et al. | | | |
| | A174 | 6,112,697 | 9/2000 | Sharan et al. | | | |
| | A175 | 6,114,216 | 9/2000 | Yieh et al. | | | |
| | A176 | 6,122,046 | 9/2000 | Almog | | | |
| | A177 | 6,124,924 | 9/2000 | Feldman et al. | | | |
| | A178 | 6,159,073 | 12/2000 | Wiswesser et al. | | | |
| | A179 | 6,172,349 | 1/2001 | Katz et al. | | | |
| | A180 | 6,175,416 | 1/2001 | Maris et al. | | | |
| A181 | 6,175,645 | 1/2001 | Elyasaf et al. | | | | |
| A182 | 6,178,257 | 1/2001 | Alumot et al. | | | | |
| A183 | 6,179,709 | 1/2001 | Redeker et al. | | | | |
| A184 | 6,184,984 | 2/2001 | Lee et al. | | | | |
| A185 | 6,191,605 | 2/2001 | Miller et al. | | | | |
| A186 | 6,191,855 | 2/2001 | Maris | | | | |
| A187 | 6,199,157 | 3/2001 | Dov et al. | | | | |
| <i>Y</i> <i>M</i> | A188 | 6,201,601 | 3/2001 | Vaez-Iravani et al. | | | |
| | A189 | 6,201,998 | 3/2001 | Lin et al. | | | |

EXAMINER: *Douglas M. Wuchler*
 DATE CONSIDERED: *20 May 2004*

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the patent owner.

Page 7 of 8
 Information Disclosure Statement-PTO 1449 (modified)

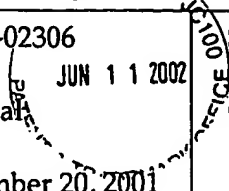
| Form PTO-1449 (modified) List of Patents and Publications For Applicant's Information Disclosure Statement (Use several sheets if necessary) | | ATTY. DKT. NO. 5589-02306 APPLICANT: Levy et al. FILING DATE: September 20, 2001 | | SERIAL NO. 09/957,450 GROUP: 2812 | | | |
|---|-----------|--|--------|--|-------|-----------|----------------------------|
| U.S. PATENT DOCUMENTS | | | | | | | |
| EXAM. INITIALS | REF. DES. | DOCUMENT NUMBER | DATE | NAME | CLASS | SUB CLASS | FILING DATE IF APPROPRIATE |
| | A190 | 6,201,999 | 3/2001 | Jevtic | | | |
| | A191 | 6,204,917 | 3/2001 | Smedt | | | |
| | A192 | 6,208,418 | 3/2001 | Maris | | | |
| | A193 | 6,208,421 | 3/2001 | Maris et al. | | | |
| | A194 | 6,208,751 | 3/2001 | Almogy | | | |
| | A195 | 6,211,961 | 4/2001 | Maris | | | |
| | A196 | 6,212,691 | 4/2001 | Heberer | | | |
| | A197 | 6,215,551 | 4/2001 | Nikoonahad et al. | | | |
| | A198 | 6,224,638 | 5/2001 | Jevtic et al. | | | |
| | A199 | 6,256,097 | 7/2001 | Wagner | | | |
| FOREIGN PATENT DOCUMENTS | | | | | | | |
| EXAM. INITIALS | REF. DES. | DOCUMENT NUMBER | DATE | COUNTRY | CLASS | SUB CLASS | TRANSLATION YES/NO |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.) | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |

EXAMINER: D. H. Wall DATE CONSIDERED: 20 May 2004

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the patent owner.

Page 8 of 8 Information Disclosure Statement-PTO 1449 (modified)

O I P E



| | |
|---|---|
| Form PTO-1449 (modified) List of Patents and Publications For Applicant's Information Disclosure Statement (Use several sheets if necessary) | ATTY. DKT. NO. 5589-02306 APPLICANT: Levy et al FILING DATE: September 20, 2001 SERIAL NO. 09/957,450 GROUP: 2812 |
|---|---|

FOREIGN PATENT DOCUMENTS

| EXAM. INITIALS | REF. DES. | DOCUMENT NUMBER | DATE | COUNTRY | CLASS | SUB CLASS | TRANSLATION YES/NO |
|---------------------------|--------------|-----------------|----------|---------|--------------|--------------|-----------------------|
| <div>W</div> <div>↑</div> | B1 | 0 993 019 | 4/2000 | EP | <div>↘</div> | | |
| | B2 | 1 022 093 | 7/2000 | EP | | | |
| | B3 | 1 061 358 | 12/2000 | EP | | | |
| | B4 | 1 061 571 | 12/2000 | EP | | | |
| | B5 | 1 065 567 | 1/2001 | EP | | | |
| | B6 | 1 066 925 | 1/2001 | EP | | | |
| | B7 | 1 069 609 | 1/2001 | EP | | | |
| | B8 | 1 071 128 | 1/2001 | EP | | | |
| | B9 | 1 072 894 | 1/2001 | EP | | | |
| | B10 | 1 072 967 | 1/2001 | EP | | | |
| | B11 | 1 081 489 | 3/2001 | EP | | | |
| | B12 | 1 081 741 | 3/2001 | EP | | | |
| | B13 | 1 081 742 | 3/2001 | EP | | | |
| | B14 | 1 083 424 | 3/2001 | EP | | | |
| | B15 | 1 093 017 | 4/2001 | EP | | | |
| | B16 | 98/57358 | 12/1998 | WO | | | |
| | B17 | 99/02970 | 1/1999 | WO | | | |
| | B18 | 99/03133 | 1/1999 | WO | | | |
| | B19 | 99/23449 | 5/1999 | WO | | | |
| | B20 | 99/25004 | 5/1999 | WO | | | |
| | B21 | 99/31490 | 6/1999 | WO | | | |
| | B22 | 99/38002 | 7/1999 | WO | | | |
| | B23 | 99/39183 | 8/1999 | WO | | | |
| | B24 | 99/41434 | 8/1999 | WO | | | |
| | B25 | 99/45340 | 9/1999 | WO | | | |
| | <div>W</div> | B26 | 99/54926 | 10/1999 | | WO | |
| B27 | | 99/59200 | 11/1999 | WO | | | |

EXAMINER:

DATE CONSIDERED:

20 May 2004

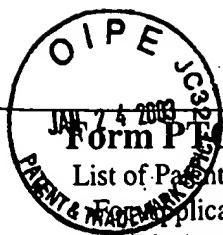
EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the patent owner.

| Form PTO-1449 (modified) List of Patents and Publications For Applicant's Information Disclosure Statement (Use several sheets if necessary) | | | ATTY. DKT. NO. 5589-02306 APPLICANT: Levy et al FILING DATE: September 20, 2001 | | SERIAL NO. 09/957,450 GROUP: 2812 | | |
|---|--------------|-----------------|---|---------|--------------------------------------|--------------|-----------------------|
| FOREIGN PATENT DOCUMENTS | | | | | | | |
| EXAM. INITIALS | REF. DES. | DOCUMENT NUMBER | DATE | COUNTRY | CLASS | SUB CLASS | TRANSLATION YES/NO |
| DN | B28 | 99/60614 | 11/1999 | WO | | | |
| ↑ | B29 | 99/65056 | 12/1999 | WO | | | |
| | B30 | 99/67626 | 12/1999 | WO | | | |
| | B31 | 00/00873 | 1/2000 | WO | | | |
| | B32 | 00/00874 | 1/2000 | WO | | | |
| | B33 | 00/02037 | 1/2000 | WO | | | |
| | B34 | 00/03234 | 1/2000 | WO | | | |
| | B35 | 00/03421 | 1/2000 | WO | | | |
| | B36 | 00/07226 | 2/2000 | WO | | | |
| | B37 | 00/15870 | 3/2000 | WO | | | |
| | B38 | 00/17907 | 3/2000 | WO | | | |
| | B39 | 00/18543 | 4/2000 | WO | | | |
| | B40 | 00/26609 | 5/2000 | WO | | | |
| | B41 | 00/26613 | 5/2000 | WO | | | |
| | B42 | 00/26646 | 5/2000 | WO | | | |
| | B43 | 00/28577 | 5/2000 | WO | | | |
| | B44 | 00/60657 | 10/2000 | WO | | | |
| | B45 | 00/68673 | 11/2000 | WO | | | |
| | B46 | 00/70332 | 11/2000 | WO | | | |
| | B47 | 00/70646 | 11/2000 | WO | | | |
| | B48 | 00/77500 | 12/2000 | WO | | | |
| | B49 | 01/03145 | 1/2001 | WO | | | |
| | B50 | 01/09566 | 2/2001 | WO | | | |
| | B51 | 01/13098 | 2/2001 | WO | | | |
| | B52 | 01/14925 | 3/2001 | WO | | | |
| DN | | | | | | | |

EXAMINER: Daph N. Wankel DATE CONSIDERED: 20 May 2004

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the patent owner.

Page 2 of 2 Information Disclosure Statement--PTO 1449 (modified)



Form PTO-1449 (modified)
List of Patents and Publications
From Applicant's Information
Disclosure Statement
(Use several sheets if necessary)

ATTY. DKT. NO. 5589-02306

SERIAL NO. 09/957,450

APPLICANT: Levy et al.

GROUP: 2812

FILING DATE: September 20, 2001

U.S. PATENT DOCUMENTS

| EXAM. INITIALS | REF. DES. | DOCUMENT NUMBER | DATE | NAME | CLASS | SUB CLASS | FILING DATE IF APPROPRIATE |
|----------------|-----------|-----------------|---------|----------------------|-------|-----------|----------------------------|
| dw | C1 | 4,511,800 | 4/1985 | Harbeke et al. | | | |
| | C2 | 4,770,536 | 9/1988 | Golberstein | | | |
| | C3 | 4,807,994 | 2/1989 | Felch et al. | | | |
| | C4 | 4,899,055 | 2/1990 | Adams | | | |
| | C5 | 5,074,669 | 12/1991 | Opsal | | | |
| | C6 | 5,520,769 | 5/1996 | Barrett et al. | | | |
| | C7 | 5,608,526 | 3/1997 | Piwonka-Corle et al. | | | |
| | C8 | 5,859,424 | 1/1999 | Norton et al. | | | |
| | C9 | 6,052,185 | 4/2000 | Banet et al. | | | |
| dw | C10 | 6,141,103 | 10/2000 | Pinaton et al. | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |

FOREIGN PATENT DOCUMENTS

| EXAM. INITIALS | REF. DES. | DOCUMENT NUMBER | DATE | COUNTRY | CLASS | SUB CLASS | TRANSLATION YES/NO |
|----------------|-----------|-----------------|---------|---------|-------|-----------|--------------------|
| mw | C11 | 99/59182 | 11/1999 | WO | | | |
| mw | C12 | 00/02229 | 1/2000 | WO | | | |
| | | | | | | | |

OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)

| | | |
|--|--|--|
| | | |
| | | |
| | | |
| | | |
| | | |

EXAMINER:

Dyl. H. Wachtel

DATE CONSIDERED:

20 May 2004

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the patent owner.

01111
MAR 31 2003
TRADE

Form PTO-1449 (modified)

List of Patents and Publications
For Applicant's Information
Disclosure Statement
(Use several sheets if necessary)

ATTY. DKT. NO. 5589-02306

APPLICANT: Levy et al.

FILING DATE: September 20, 2001

SERIAL NO. 09/957,450

GROUP: 2812

U.S. PATENT DOCUMENTS

| EXAM. INITIALS | REF. DES. | DOCUMENT NUMBER | DATE | NAME | CLASS | SUB CLASS | FILING DATE IF APPROPRIATE |
|-------------------|--------------|-----------------|---------|---------------------|-------|--------------|-------------------------------|
| <i>W</i> | D1 | 4631416 | 12/1986 | Trutna, Jr. | | | |
| <i>W</i> | D2 | 5114235 | 5/1992 | Suda et al. | | | |
| <i>W</i> | D3 | 5182455 | 1/1993 | Muraki | | | |
| <i>W</i> | D4 | 5182610 | 1/1993 | Shibata | | | |
| <i>W</i> | D5 | 5189494 | 2/1993 | Muraki | | | |
| <i>W</i> | D6 | 5316984 | 5/1994 | Leourx | | | |
| <i>W</i> | D7 | 5327221 | 7/1994 | Saitoh et al. | | | |
| <i>W</i> | D8 | 5340992 | 8/1994 | Matsugu et al. | | | |
| <i>W</i> | D9 | 5414514 | 5/1995 | Smith et al. | | | |
| <i>W</i> | D10 | 5666196 | 9/1997 | Ishii et al. | | | |
| <i>W</i> | D11 | 5783342 | 7/1998 | Yamashita et al. | | | |
| <i>W</i> | D12 | 5801390 | 9/1998 | Shiraishi | | | |
| <i>W</i> | D13 | 6046094 | 4/2000 | Jost et al. | | | |
| <i>W</i> | D14 | 6077756 | 6/2000 | Lin et al. | | | |
| <i>W</i> | D15 | 6079256 | 6/2000 | Bareket | | | |
| <i>W</i> | D16 | 6128089 | 10/2000 | Ausschnitt et al. | | | |
| <i>W</i> | D17 | 6153886 | 11/2000 | Hagiwara et al. | | | |
| <i>W</i> | D18 | 6177330 | 1/2001 | Yasuda | | | |
| <i>W</i> | D19 | 6255189 | 7/2001 | Muller et al. | | | |
| <i>W</i> | D20 | 6301011 | 10/2001 | Fung et al. | | | |
| <i>W</i> | D21 | 6388253 | 5/2002 | Su | | | |
| <i>W</i> | D22 | 6421124 | 7/2002 | Matsumoto et al. | | | |
| <i>W</i> | D23 | 6462818 | 10/2002 | Bareket | | | |
| <i>W</i> | D24 | 6476920 | 11/2002 | Scheiner et al. | | | |
| <i>W</i> | D25 | 6486492 | 11/2002 | Su | | | |
| <i>W</i> | D26 | 6486954 | 11/2002 | Mieher et al. | | | |
| <i>W</i> | D27 | 2002/0018217 | 2/2002 | Weber-Grabau et al. | | | |

EXAMINER:

Dylan W. Washburn

DATE CONSIDERED:

20 MAY 2004

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the patent owner.

| Form PTO-1449 (modified) List of Patents and Publications For Applicant's Information Disclosure Statement (Use several sheets if necessary) | | ATTY. DKT. NO. 5589-02306 APPLICANT: Levy et al. FILING DATE: September 20, 2001 | | SERIAL NO. 09/957,450 GROUP: 2812 | | | |
|---|-----------|--|---------|--|-------|-----------|----------------------------|
| U.S. PATENT DOCUMENTS | | | | | | | |
| EXAM. INITIALS | REF. DES. | DOCUMENT NUMBER | DATE | NAME | CLASS | SUB CLASS | FILING DATE IF APPROPRIATE |
| | D28 | 2002/0149782 | 10/2002 | Raymond | | | |
| | D29 | 2002/0158193 | 10/2002 | Sezginer et al. | | | |
| | D30 | 2002/0192577 | 12/2002 | Fay et al. | | | |
| FOREIGN PATENT DOCUMENTS | | | | | | | |
| EXAM. INITIALS | REF. DES. | DOCUMENT NUMBER | DATE | COUNTRY | CLASS | SUB CLASS | TRANSLATION YES/NO |
| | D31 | 02/15238 | 2/2002 | WO | | | |
| | D32 | 02/25723 | 3/2002 | WO | | | |
| | D33 | 02/069390 | 9/2002 | WO | | | |
| OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.) | | | | | | | |
| | D34 | McNeil et al., "Scatterometry Applied to Microelectronics Processing," Microlithography World, November/December 1992, pp. 16-22. | | | | | |
| | D35 | Raymond et al., "Metrology of subwavelength photoresist gratings using optical scatterometry," J. Vac. Sci. Technol. B 13(4), Jul/Aug 1995, pp. 1484-1495. | | | | | |
| | D36 | Wittekoek et al., "In-process Image Detecting Technique for Determination of Overlay, and Image Quality for ASM-L Wafer Stepper," SPIE Vol. 1674 Optical/Laser Microlithography V (1992), pp. 594-608. | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |

EXAMINER:
 DATE CONSIDERED: 20 MAY 2004

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the patent owner.

Form PTO-1449 (modified)
List of Patents and Publications
For Applicant's Information
Disclosure Statement
(Use several sheets if necessary)

ATTY. DKT. NO. 5589-02306

SERIAL NO. 09/957,450

APPLICANT: Levy et al

GROUP: 2812

FILING DATE: September 20, 2001

U.S. PATENT DOCUMENTS

| EXAM. INITIALS | REF. DES. | DOCUMENT NUMBER | DATE | NAME | CLASS | SUB CLASS | FILING DATE IF APPROPRIATE |
|-------------------|--------------|-----------------|---------|-------------------|-------|--------------|-------------------------------|
| <i>mw</i> | E1 | 5,438,413 | 8/1995 | Mazor et al. | | | |
| | E2 | 5,574,278 | 11/1996 | Poirier | | | |
| | E3 | 5,703,692 | 12/1997 | McNeil et al. | | | |
| | E4 | 5,798,529 | 8/1998 | Wagner | | | |
| | E5 | 5,923,423 | 7/1999 | Sawatari et al. | | | |
| | E6 | 5,963,314 | 10/1999 | Worster et al. | | | |
| | E7 | 6,052,188 | 4/2000 | Fluckiger et al. | | | |
| | E8 | 6,097,205 | 8/2000 | Liberman et al. | | | |
| | E9 | 6,157,032 | 12/2000 | Into | | | |
| | E10 | 6,166,801 | 12/2000 | Dishon et al. | | | |
| | E11 | 6,174,743 | 1/2001 | Pangrle et al. | | | |
| | E12 | 6,175,421 | 1/2001 | Fuchs et al. | | | |
| | E13 | 6,188,478 | 2/2001 | Fuchs et al. | | | |
| | E14 | 6,191,846 | 2/2001 | Opsal et al. | | | |
| | E15 | 6,250,143 | 6/2001 | Bindell et al. | | | |
| | E16 | 6,258,610 | 7/2001 | Blatchford et al. | | | |
| | E17 | 6,266,144 | 7/2001 | Li | | | |
| | E18 | 6,320,666 | 11/2001 | Opsal et al. | | | |
| | E19 | US 2001/0052257 | 12/2001 | Magerle | | | |
| | E20 | US 2002/0017619 | 2/2002 | Hirose et al. | | | |
| | E21 | 6,383,824 | 5/2002 | Lensing | | | |
| | E22 | 6,408,048 | 6/2002 | Opsal et al. | | | |
| | E23 | 6,451,621 | 9/2002 | Rangarajan et al. | | | |
| | E24 | 6,452,685 | 9/2002 | Opsal et al. | | | |
| <i>mw</i> | E25 | 6,462,817 | 10/2002 | Strocchia-Rivera | | | |
| | | | | | | | |

EXAMINER:

Dyl-nWahl

DATE CONSIDERED:

20 MAY 2004

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the patent owner.